

## Claims

What is claimed is:

1. A learning type remote control, comprising:

a remote control case;

5 a circuit board carried within the remote control case;

a transmitting diode mounted on the circuit board so as to extend outside of the remote control case;

a photo detector diode mounted on the circuit board behind the transmitting diode whereby infrared signals generated from a teaching transmitter can radiate through the

10 transmitting diode to reach the photo detector diode; and

a memory for storing a representation of the infrared signals received by the photo detector diode from the teaching transmitter whereupon the stored representation of the infrared signals can be used in connection with the transmitting diode to transmit learned infrared command codes to a device to be controlled.

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